

ABSTRACT OF THE DISCLOSURE

A trench apparatus and process for liquid treatment of fabric uses a longitudinal trench for holding a treatment liquid. A pull rope, chain, or cable having shackle rings or shackles attached thereto for securing one or more bags to the rope, chain, or cable is positioned for pulling one or more bags containing dyed fabric in a longitudinal direction down the length of the trench. The trench has a liquid treatment zone with a surface level, and the trench includes one or more raised platforms dividing the trench into a plurality of separated treatment vats, the raised platforms having a height extending above said surface level. A conduit communicates from at least one vat to at least one other vat at a level below said surface level for movement of liquid therebetween. A conduit and a pump permits the countercurrent recirculation of treatment liquor within each longitudinal treatment vat. The bags can contain dyed scrap such as denim, and the treatment liquid can be an indigo dye solvent, aqueous reducing solution or aqueous bleach which is optimally a water-soluble quaternary amine catalyst, for example.